Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

No.1st and Final Bill (For Other Works) Date.....20.....

Division-Dasarahalli Division
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No..... Head of Account:

Name of Work: Comprehensive development works in ward no.13, Mallasandra
Job Code: 013-20-000123
Work Order No: EE/ DD/ W.O /188/2020-21 **Date:**26.02.2021
Contractor and Full Address: Sri R Shivaram

Certified that the measurements were taken by me on 18/04/22 and recorded in pages 483830 to 483864
Of measurement Book No. 4839 19:20 and that the work is satisfactorily executed.

Officer-in-charge of work

Contractor

Certified that the measurements were taken by me on 18/4/2022 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer
ಶಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೃಹತ್ ಬೆಂಗಳೂರು ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the bill of Cash Book Voucher No.....
   date ..... Less adjustment Rs.....
7) Net amount due to or from contractor
Unadjusted items of Government
8) Advance to contractor for materials brought to site (as detailed) within value of materials supplied

1st and Final Bill → 9767604=00

IT →	97676 = 00	(-) 536708=00
LWC →	97676 = 00	
CBF →	9768 = 00	
Roy →	154916 = 00	
CGST →	8721 = 00	
SGST →	8721 = 00	
Fee →	2250=00	

Net Amount → 9230896=00

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-73

Contractor's Signature

Received Rs.....(in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

(For use in the Office)

Audited and admitted for Rs. 9767604=00
Passed by Cheque for Rs. 9230896=00
(Ninety lakhs Thirty thousand Eight Hundred Ninety Six only)
By adjustment Rs. 536708=00

Accounts Superintendent Exe. Engineer
B.B.M.P Dasarahalli Division

Initials of Officer Making Payment

Executive Engineer

Name of work:Comprehensive development works in ward no.13, Mallasandra

ABSTRACT

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.(Page No. 5 / Item No. 2.3 of PWD SR 2018-19)	Cum	151.67	335.80	50930.79	–	–	151.67	335.80	50930.79	151.67	50930.79
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS (P.No. 13/ I.No. 4.2 of PWD 2018-19)	Cum	30.88	5925.97	182993.96	–	–	30.88	5925.97	182993.95	30.88	182993.95
3	Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	69.14	5182.78	358324.46	–	–	69.14	5182.78	358324.45	69.14	358324.45

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
	Qty Above 125%	Cum	4.97	5278.18	26245.75	–	–	4.97	5278.18	26245.74	4.97	26245.74
4	Providing ruled pointing to coursed stone masonry with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications-	Sqm	41.80	163.77	6845.59	–	–	41.80	163.77	6845.59	41.80	6845.59
	Qty Above 125%	Cum	43.40	183.24	7952.62	–	–	43.40	183.24	7952.62	43.40	7952.62
5	Filling avaialble excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification (Page No. 7 / Item No. 2.10 / PWD SR 2018-19)	Cum	151.67	225.74	34237.99	–	–	151.67	225.74	34237.99	151.67	34237.99
6	KSRB 4.2.7: Providing and laying in position reinforced cement concrete cum of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum	76.28	6932.24	528756.61	–	–	76.28	6932.24	528756.61	76.28	528756.61

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
	Qty Above 125%		10.82	7580.94	81987.87	–	–	10.82	7580.94	81987.87	10.82	81987.87
7	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications.	Sqm	2.10	504.27	1058.97	–	–	2.10	504.27	1058.97	2.10	1058.97
	Qty Above 125%	Sqm	9.03	550.06	4967.05	–	–	9.03	550.06	4967.04	9.03	4967.04
8	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT bars Fe 500 -	Tonne	7.84	79701.35	624659.34	–	–	7.84	79701.35	624659.33	7.84	624659.33
	Qty Above 125%	Tonne	1.14	98177.34	111971.26	–	–	1.14	98177.34	111893.73	1.14	111893.73
9	Providing and removing centering shuttering strutting propping etc., and removal of form work for columns, pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification-	Sqm	85.93	512.13	44004.78	–	–	85.93	512.13	44004.77	85.93	44004.77
	Qty Above 125%	Sqm	30.18	512.13	15453.53	–	–	30.18	512.13	15453.52	30.18	15453.52

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
10	Providing and removing centering shuttering strutting propping etc., and removal of form work for sides and soffits of beams beam houchings cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification (Page No. 17 / Item No. 4.34, PWD SR 2018-19)	Sqm	180.19	327.94	59091.51	–	–	180.19	327.94	59091.51	180.19	59091.51
11	Providing and removing centering shuttering strutting propping etc., for chejjas, corbels etc., including edges including cost of all materials, labour complete as per specifications -	Sqm	3.15	362.76	1142.70	–	–	3.15	362.76	1142.69	3.15	1142.69
	Qty Above 125%	Sqm	9.54	362.76	3460.74	–	–	9.54	362.76	3460.73	9.54	3460.73
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs,landing, balconies and likes thickness upto 200mm including cost of materials, labour complete as per specification	Sqm	143.50	494.10	70903.35	–	–	143.50	494.10	70903.35	143.50	70903.35
	Qty Above 125%	Sqm	11.34	494.10	5603.10	–	–	11.34	494.10	5603.09	11.34	5603.09
13	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton.	Sqm	10.10	584.01	5898.51	–	–	10.10	584.01	5898.50	10.10	5898.50
	Qty Above 125%	Sqm	22.33	584.01	13040.95	–	–	22.33	584.01	13040.94	22.33	13040.94

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Initials of Officer Making Payment

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
14	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of ail materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.54 (Page No. 27 / Item No. 5.26.2, PWD SR 2018-19) (400x150x200mm)	Sqm	216.55	1040.84	225393.90	–	–	216.55	1040.84	225393.90	216.55	225393.90
15	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications	Sqm	292.69	313.84	91857.02	–	–	292.69	313.84	91857.02	292.69	91857.02
	Qty Above 125%	Sqm	39.24	331.36	13003.39	–	–	39.24	331.36	13003.39	39.24	13003.39
16	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	184.52	328.87	60683.09	–	–	184.52	328.87	60683.09	184.52	60683.09
17	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification-	Sqm	143.50	266.51	38244.19	–	–	143.50	266.51	38244.19	143.50	38244.19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
	Qty Above 125%	Sqm	6.71	278.18	1866.59	–	–	6.71	278.18	1866.59	6.71	1866.59
18	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.	Sqm	436.19	87.60	38210.03	–	–	436.19	87.60	38210.03	436.19	38210.03
	Qty Above 125%	Sqm	45.95	87.60	4025.11	–	–	45.95	87.60	4025.11	45.95	4025.11
19	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.	Sqm	292.69	101.08	29584.86	–	–	292.69	101.08	29584.85	292.69	29584.85
	Qty Above 125%	Sqm	189.45	101.08	19149.60	–	–	189.45	101.08	19149.60	189.45	19149.60
20	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications (Page No. 120 / Item No. 15.53.2, SR 2018-19.)	Sqm	184.52	114.56	21138.61	–	–	184.52	114.56	21138.61	184.52	21138.61

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
21	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications (P. No. 53/ I. No. 9.11 of PWD SR 2018-19)	Cum	0.20	98387.35	19677.47	–	–	0.20	98387.35	19677.47	0.20	19677.47
22	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour,HOM of machineries completed as per specification (excluding cost of fixtures)	Sqm	4.73	5303.24	25057.81	–	–	4.73	5303.24	25057.81	4.73	25057.81
	Qty Above 125%	Sqm	2.01	5303.24	10633.00	–	–	2.01	5303.24	10633.00	2.01	10633.00
23	Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications	Kg	151.20	106.69	16131.53	–	–	151.20	106.69	16131.53	151.20	16131.53
	Qty Above 125%	Kg	131.25	106.69	14003.06	–	–	131.25	106.69	14003.06	131.25	14003.06
24	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (Page No.123/ Item No.15.73, PWD SR 2018-19)	Sqm	7.20	46.05	331.56	–	–	7.20	46.05	331.56	7.20	331.56

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೆಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
	Qty Above 125%	Sqm	6.25	46.05	287.82	_	_	6.25	46.05	287.81	6.25	287.81
25	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No.123/ Item No.15.74, PWD SR 2018-19)	Sqm	7.20	106.69	768.17	_	_	7.20	106.69	768.17	7.20	768.17
	Qty Above 125%	Sqm	6.25	106.69	666.82	_	_	6.25	106.69	666.81	6.25	666.81
26	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm (P.No.110, I.No.14.47.2 of PWD SR 2018-19)	Sqm	244.55	2707.61	662146.03	_	_	244.55	2707.61	662146.03	244.55	662146.03

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಲೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
27	Providing and fixing colour glazed tiles of size 300mmx600mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, etc., complete as per specification. (P.No. 112, I.No. 14.64 of SR 2018-19).	Sqm	11.70	1382.66	16177.13	–	–	11.70	1382.66	16177.12	11.70	16177.12
	Qty Above 125%	Sqm	13.40	1479.97	19831.60	–	–	13.40	1479.97	19831.60	13.40	19831.60
28	Providing and fixing for flooring 40mm thick sadarhaili grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM1:6 and fixing granite slab with CM 1:3.(Item no 14.57, Page no 111, PWD SR 2018-19)	Sqm	109.45	2062.38	225727.50	–	–	109.45	2062.38	225727.49	109.45	225727.49

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
29	KSRB 7.17 : Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred cornersgrinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and	Sqm	0.00	6885.68	0.00	–	–	0.00	6885.68	0.00	0.00	0.00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪೀಣ್ಯಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
30	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 No.s of 150mm long brackets of 15 x 15mm M.S Square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 guage, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos. of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member. (, P.No. 62, I. No. 9.92 PWD SR 2018-19)	Mtr	7.13	404.31	2880.71	–	–	7.13	404.31	2880.71	7.13	2880.71
	Qty Above 125%	Mtr	4.58	404.31	1849.72	–	–	4.58	404.31	1849.72	4.58	1849.72

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೆಂಗಳೂರು ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
31	"SOLID PANEL PRELAM PVC DOOR SHUTTER" Providing and fixing 30MM thick factory made rigid foam with both side Prelam Panelled Door Shutters made from M.S. tube of 19 x 19mm, 19 gauge for styles and 15 x 15mm for top & bottom rails, covered with heat moulded Prelaminated PVC 'C' Channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S Frams, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges. (, P.No.61, I. No. 9.85.1 PWD SR 2018-19)	Sqm	1.98	4207.10	8330 = 00 8309.03	–	–	1.98	4207.10	8330 = 00 8309.02	1.98	8330 = 00 8309.02
	Qty Above 125%	Sqm	1.50	4207.10	6310.65 6289.62	–	–	1.50	4207.10	6310.65 6289.61	1.50	6310.65 6289.61
32	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios (P.No.121, I.No. 15.59 of SR 2018-19)	Sqm	4.73	56.15	265.58	–	–	4.73	56.15	265.58	4.73	265.58
	Qty Above 125%	Sqm	15.70	56.15	881.75			15.70	56.15	881.75	15.70	881.75

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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Sl No	Description of Work	Unit	As per Modified Shedule -B			Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
33	Providing and applying painting two coats (excluding priming coat) on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (P.No. 121, I.No. 15.60.1 of SR 2018-19)	Sqm	4.73	108.94	514.75	–	–	4.73	108.94	514.74	4.73	514.74
	Qty Above 125%	Sqm	15.70	108.94	1709.82	–	–	15.70	108.94	1709.81	15.70	1709.81

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಬ್ಬಪಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
34	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:5 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with preprietary water proofing compond wall finally finishing the surface with travel and neat cement slurry and	Sqm	150.12	1143.39	171645.71	–	–	150.12	1143.39	171645.71	150.12	171645.71

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
35	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P. No. 45 / I. No. 7.37 of PWD 2018-19)	Sqm	9.45	3382.75	31966.99	–	–	9.45	3382.75	31966.99	9.45	31966.99
	Qty Above 125%	Sqm	1.58	3382.75	5344.75	–	–	1.58	3382.75	5344.75	1.58	5344.75

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಪಿಸ್.ಐಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ: ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
36	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing. (Page No. 44, Item No.7.35, PWD SR 2018-19)	Mtr	10.50	3189.58	33490.59	–	–	10.50	3189.58	33490.59	10.50	33490.59
	Qty Above 125%	Mtr	8.97	3189.58	28610.54	–	–	8.97	3189.58	28610.53	8.97	28610.53

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ವಿ.ಪಿ.ಎಂ ಪೆಸ್ಟ್, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
37	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.no 79 I.No.12.5 PWD SR 2018-19)	Pan	2.00	5566.04	11132.08	–	–	2.00	5566.04	11132.08	2.00	11132.08
38	Providing and fixing white vitreous china clay flat back wash basin size 630x450mm with a single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications (P.No. 83, I.No. 12.24 of PWD SR 2018-19)	Unit	1.00	3536.62	3536.62	–	–	1.00	3536.62	3536.62	1.00	3536.62
39	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.No.90, I.No. 12.113.1 of PWD SR 2018-19)	Each	2.00	280.77	561.54	–	–	2.00	280.77	561.54	2.00	561.54

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
40	Circular shape mirror of size 450 mm with plastic moulded frame (Page:XXV, SL No:636 PWD SR 2018-19)	No's	3.00	484.70	1454.10	–	–	2.00	484.70	969.40	2.00	969.40
41	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. (Page No. 143/ Item No. 19.1/ PWD SR 2018-19)	Cum	440.21	143.30	63082.10	–	–	440.07	143.30	63062.03	440.07	63062.03
42	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18 pwd 2018-19)	Cum	146.28	5729.15	838031.42	–	–	146.28	5729.15	838031.42	146.28	838031.42
	Qty Above 125%	Cum	18.03	6141.12	110693.69			18.01	6141.12	110570.87	18.01	110570.87

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್ ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
43	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271 PWD SR 2018-19)	Cum	23.04	7476.28	172253.49	–	–	23.04	7476.28	172253.49	23.04	172253.49
44	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3 (I No-28.8.2,P No-229 PWD SR 2018-19)	Tonne	1.77	75212.83	133126.71	–	–	1.77	75212.83	133126.71	1.77	133126.71

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಬ್ದಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು [illegible] ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
45	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)	Sqm	38.34	1679.44	64389.73	–	–	37.26	1679.44	62575.93	37.26	62575.93
46	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)	Sqm	9.00	3820.59	34385.31	–	–	9.00	3820.59	34385.31	9.00	34385.31
	Qty Above 125%	Sqm	32.88	3820.59	125621.00	–	–	32.88	3820.59	125621.00	32.88	125621.00

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶಿಡ್ಲಘಟ್ಟ ಉಪವಿಭಾಗ, ದಾನರಹಳ್ಳಿ ಪಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಅಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
47	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.	Cum	48.15	990.96	47714.73	–	–	48.15	990.96	47714.72	48.15	47714.72
	Qty Above 125%	Cum	107.77	990.96	106795.76	–	–	107.75	990.96	106775.94	107.75	106775.94
48	KSRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3 (Page No. 146/ Item No.19.55/ PWD SR 2018-19)	Sqm	913.80	99.21	90658.10	–	–	913.30	99.21	90608.49	913.30	90608.49
49	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (Page No-147 Item no - 19.64 of KPWD SR 2018-19)	Sqm	1953.24	6.61	12910.92	–	–	1953.21	6.61	12910.72	1953.21	12910.72

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
50	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications. MORTH Specification No. 406 (Page No-158 Item no - 20.18 of KPWD SR 2018-19).	Cum	384.37	2081.13	799923.94	–	–	384.23	2081.13	799632.58	384.23	799632.58

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಎಸ್.ಎಂ ರಸ್ತೆ. ರವೀಂದ್ರನಗರ. ಬೆಂಗಳೂರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
51	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum	Cum	155.92	5567.65	868107.99	–	–	155.90	5567.65	867996.64	155.90	867996.64
52	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications.MORTH Specification No. 502 (Page No-161 Item no - 21.6 of KPWD SR 2018-19)	Sqm	913.80	27.56	25184.33	–	–	913.30	27.56	25170.55	913.30	25170.55

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
53	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (Page No-160 Item no - 21.17.6 of KPWD SR 2018-19)	Cum	45.69	5955.69	272115.48	–	–	45.67	5955.69	271996.36	45.67	271996.36
54	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 (Page No-158 Item no - 21.2 of KPWD SR 2018-19)	Sqm	1448.90	5.51	7983.44	–	–	1447.12	5.51	7973.63	1447.12	7973.63
55	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH (Page No-158 Item no - 21.7 of KPWD SR 2018-19)	Sqm	1448.90	13.23	19168.95	–	–	1447.12	13.23	19145.40	1447.12	19145.40

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬಾಸವರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
56	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. Clause 507 of MORTH V Version as per IRC SP-53-2015,do-Using 40-60 TPH Capacity HMP With Mechanical Paver Grading II (30-45mm) with 5.4% of Modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (Waste Plastic) (P.No.171 & I.No.21.78.12, PWD 18-19)	Cum	57.96	7031.53	407547.48	–	–	57.89	7031.53	407055.27	57.89	407055.27
57	Removal of Unserviceable Soil with Disposal KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301 (P.No.144 & I.No.19.20 PWD 18-19)	Cum	440.21	36.38	16014.84	–	–	440.07	36.38	16009.75	440.07	16009.75

ಸಹಾಯಕ ~~ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು~~
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ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

No	Description of Items	Unit	Qty	Rate	Amount	Measurement Qty	Measurement Amount	Qty	Rate in Rs.	Amount	Qty up to date	Amount
58	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (P.No.136 & I.No.17.1 PWD 18-19)	Cum	169.93	59.27	10071.45	–	–	169.93	59.27	10071.45	169.93	10071.45
	Qty Above 125%	Cum	40.82	59.27	2419.68			40.78	59.27	2416.03	40.78	2416.03
59	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road (P.No.136 & I.No.17.4 PWD 18-19)	t.km	650.96	26.62	17328.51	–	–	650.77	26.62	17323.50	650.77	17323.50
E-1	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.(KPWD SR Page No.15, Item No.4.6)	Cum	9.60	6648.36	63850.85 63824=00	–	–	9.60	6648.36	63824=00 63850.85	9.60	63824=00 63850.85

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-2	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original	Sqm	7.28	4913.53	35770.50	–	–	7.28	4913.53	35770.50	7.28	35770.50

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No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-3	Providing and fixing M.S.Grill over existing compound wall as per Chief Architect drawing No. 12686, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification. (Page No.7.36, Item No.7.36 KPWD SR 2018-19)	Sqm	7.40	6029.89	44621.19	–	–	7.40	6029.89	44621.19	7.40	44621.19
E-4	KSRB 14.3 : Providing and laying flooring and steps machine cut granite slabs 40mm thick on cement mortar bed 1:6, 25 mm thick, and pointed with cement mortar 1:3 over existing cement concrete bed , including cost of materials, labour, curing complete as per specifications. Specification No. KBS 14.26 (Page No.103,Item No.14.3)	Sqm	15.80	2725.75	43066.85	–	–	15.80	2725.75	43066.85	15.80	43066.85

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Sl No	Description of Work	Unit	As perModified Shedule -B			Measurement						
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-5	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.99, I.No. 13.86.2 of PWD SR 2018-19)	Mtr	56.00	263.93	14780.08	–	–	55.60	263.93	14674.51	55.60	14674.51
E-6	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.No.99, I.No. 13.86.3 of PWD SR 2018-19)	Mtr	59.00	329.07	19415.13	–	–	59.00	329.07	19415.13	59.00	19415.13

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
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Sl No	Description of Work	Unit	As perModified Shedule -B			Measurement						
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-7	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 50mm nominal OD pipes. (P.No. 98/I.No. 13.85.6 of KPWD SR 2018-19)	Mtr	5.00	522.24	2611.20	–	–	5.00	522.24	2611.20	5.00	2611.20
E-8	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 110mm dia (P.No. 90/I.No. 12.116.1 of KPWD SR 2018-19)	Mtr	44.00	487.43	21446.92	–	–	43.20	487.43	21056.98	43.20	21056.98
E-9	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (P.No. 90/I.No. 13.23 of KPWD SR 2018-19)	Each	7.00	213.39	1493.73	–	–	7.00	213.39	1493.73	7.00	1493.73

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Qty	Amount
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount		
E-10	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22 (P.No. 98/I.No. 13.78 of KPWD SR 2018 19)	No's	2.00	7668.48	15336.96	–	–	2.00	7668.48	15336.96	2.00	15336.96
E-11	Supply & delivery at site brand new make suitable HP deep well submercible pumpset suitable for vertical installation in 100 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cage submercible induction motor suitable for operation of Single Phase, 0.37 KW AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 0.5HP/0.37KW 7stage (P.NO-XLII, I.NO-2, PWD SR-2018-19)	No's	1.00	10753.61	10753.61	–	–	1.00	10753.61	10753.61	1.00	10753.61

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Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-12	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface: Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC: 35. The finished surface to be level, uniform and free from streaks and holes complete with all lead and lift and as per direction of engineer incharge of work	Sqm	55.80	481.81	26885.00			55.88	481.81	26923.54	55.88	26923.54
E-13	Supplying heavy gauge PVC Conduit Pipe ....dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.25mm dia 2mm thick (KPWD Electrical SR 2019-20)	Mtrs	210.00	56.16	11793.60	–	–	210.00	56.16	11793.60	210.00	11793.60
E-14	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall. 1-3Way (KPWD Electrical SR 2019-20)	Nos	2.00	98.80	197.60	–	–	2.00	98.80	197.60	2.00	197.60
E-15	4-5Way	Nos	2.00	109.19	218.38	–	–	2.00	109.19	218.38	2.00	218.38
E-16	8Way	Nos	9.00	150.79	1357.11	–	–	9.00	150.79	1357.11	9.00	1357.11
E-17	10-12Way	Nos	4.00	171.59	686.36	–	–	4.00	171.59	686.36	4.00	686.36

No	Description of Work	Unit	As per Modified Schedule of			Measurement		Present Measurement			Up to Date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-18	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.1 to 3 Module (KPWD Electrical SR 2019-20)	Nos	2.00	114.39	228.78	–	–	2.00	114.39	228.78	2.00	228.78
E-19	4 Module	Nos	2.00	129.99	259.98	–	–	2.00	129.99	259.98	2.00	259.98
E-20	8 Module	Nos	9.00	207.98	1871.82	–	–	9.00	207.98	1871.82	9.00	1871.82
E-21	10 -12 Module	Nos	4.00	239.18	956.72	–	–	4.00	239.18	956.72	4.00	956.72
E-22	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.6Amps one way Switch (KPWD Electrical SR 2019-20)	Each	60.00	72.80	4368.00	–	–	60.00	72.80	4368.00	60.00	4368.00
E-23	6Amps 3way socket	Each	14.00	109.19	1528.66	–	–	14.00	109.19	1528.66	14.00	1528.66
E-24	Stepped Fan Regulator.	Each	7.00	301.58	2111.06	–	–	7.00	301.58	2111.06	7.00	2111.06
E-25	16Amps one way switch	Each	12.00	119.59	1435.08	–	–	12.00	119.59	1435.08	12.00	1435.08

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BRUHAT BENGAL

Sl No	Description of Work	Unit	As per Modified Schedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-26	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.Short point upto 3Mtr from tapping point to out let via switch box	Points	20.00	166.39	3327.80	–	–	20.00	166.39	3327.80	20.00	3327.80
E-27	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	Points	10.00	259.98	2599.80	–	–	10.00	259.98	2599.80	10.00	2599.80
E-28	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.1.5 sqmm (KPWD Electrical SR 2019-20)	Mtrs	188.00	21.32	4008.16	–	–	188.00	21.32	4008.16	188.00	4008.16
E-29	2.5sqmm	Mtrs	180.00	33.28	5990.40	–	–	180.00	33.28	5990.40	180.00	5990.40
E-30	4sqmm	Mtrs	180.00	46.80	8424.00	–	–	180.00	46.80	8424.00	180.00	8424.00

ಸಹಾಯಕ/ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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Sl No	Description of Work	Unit	As perModified Sheduld -B			Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-31	Supplying and fixing regular MCB distribution boards on wall/ wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 8Way SP &N (KPWD Electrical SR 2019-20)	Nos	1.00	1507.86	1507.86	–	–	1.00	1507.86	1507.86	1.00	1507.86
E-32	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32 Amps DP (KPWD Electrical SR 2019-20)	Nos	10.00	945.27	9452.70	–	–	10.00	945.27	9452.70	10.00	9452.70
E-33	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975.4 core 16 sqmm (KPWD Electrical SR 2019-20)	Mtrs	30.00	155.99	4679.70	–	–	30.00	155.99	4679.70	30.00	4679.70
E-34	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.6 sqmm to 16 sqmm (KPWD Electrical SR 2019-20)	Mtrs	30.00	12.36	370.80	–	–	30.00	12.36	370.80	30.00	370.80

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ಚಿಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾವಣಗೆರೆ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಸುಕಾನಗರ ವಾಲಕೆ

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-35	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary) (KPWD Electrical SR 2019-20)	Mtrs	20.00	79.04	1580.80	–	–	20.00	79.04	1580.80	20.00	1580.80
E-36	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm (KPWD Electrical SR 2019-20)	Mtrs	6.00	348.37	2090.22	–	–	2.00	348.37	696.74	2.00	696.74
E-37	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.16Sqmm (KPWD Electrical SR 2019-20)	Nos	2.00	280.78	561.56	–	–	2.00	280.78	561.56	2.00	561.56
E-38	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG (KPWD Electrical SR 2019-20)	Sqcms	8550.00	0.37	3163.50	–	–	8550.00	0.37	3163.50	8550.00	3163.50

ಸಹಾಯಕ/ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

Sl No	Description of Work	Unit	As perModified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
E-39	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.On wall / ceiling / Rafter / Girders (KPWD Electrical SR 2019-20)	Nos	13.00	114.39	1487.07	–	–	13.00	114.39	1487.07	13.00	1487.07
E-40	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32Amps (KPWD Electrical SR 2019-20)	Nos	2.00	180.95	361.90	–	–	2.00	180.95	361.90	2.00	361.90
	Total				**8726752.00**					**8721239.00**		**8721239.00**
	GST Charges 12%				**1047211.00**					**1046549.00**		**1046549.00**
	Grand Total				**9773963.00**					**9767788.00**		**9767788.00**

8721239.00 = ∞
8721239.00 = ∞
1046529 = ∞
9767604 = ∞
1046529 = ∞
9767604 = ∞

CERTIFICATE

1 The Work Has Been Completed Satisfactorily.
2 The Work Spot Comes Under BBMP Limits.
3 No Debris in Work spot
4 All Measurements Are Recorded in EMB

Assistant Engineer
Ward No.13

Asst. Executive Engineer
Shettyhalli Sub division